FIG. 1

PRIOR ART

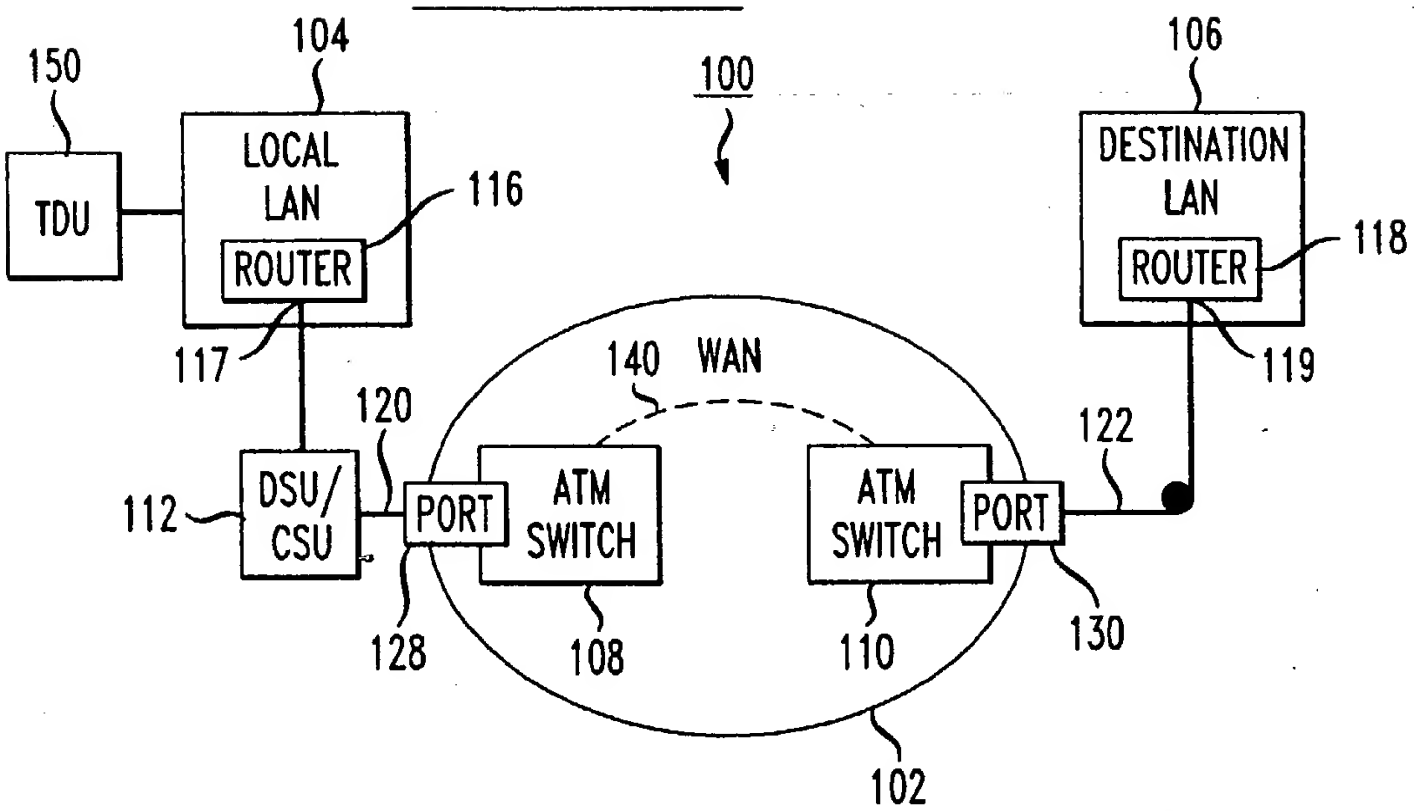


FIG. 2

PRIOR ART

SOURCE CPE ROUTER
ROUTER C01GWR20
CONFIGURATION:
IP 192.168.96.210
ATM 0.1
VPI/VCI 1/551

117

FIG. 3

PRIOR ART

DEST CPE SWITCH ROUTER
CONFIGURATION:
IP 192.168.96.209
INTF ATM 1/3.3
VPI/VCI 1/158

119

FIG. 4

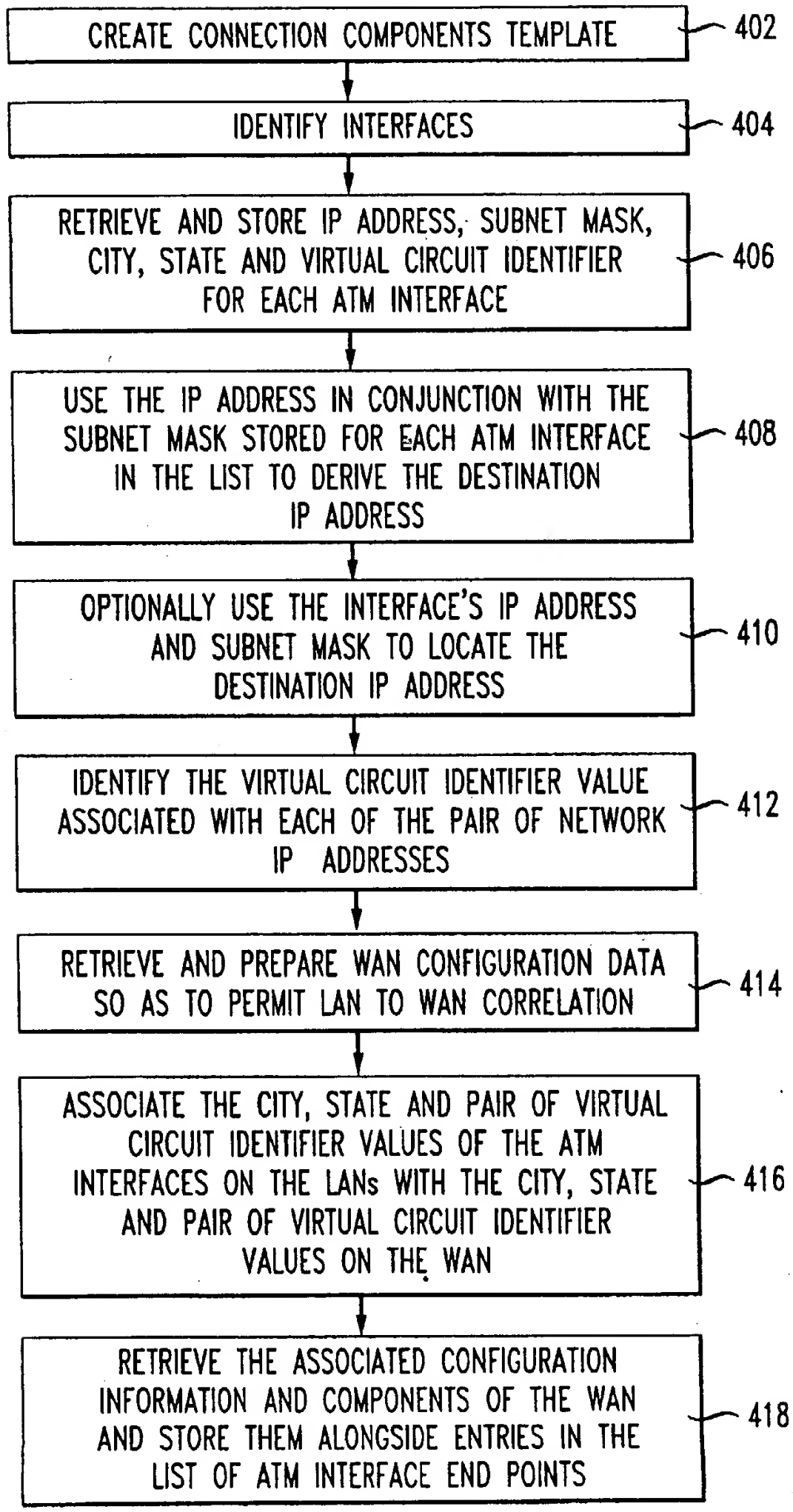
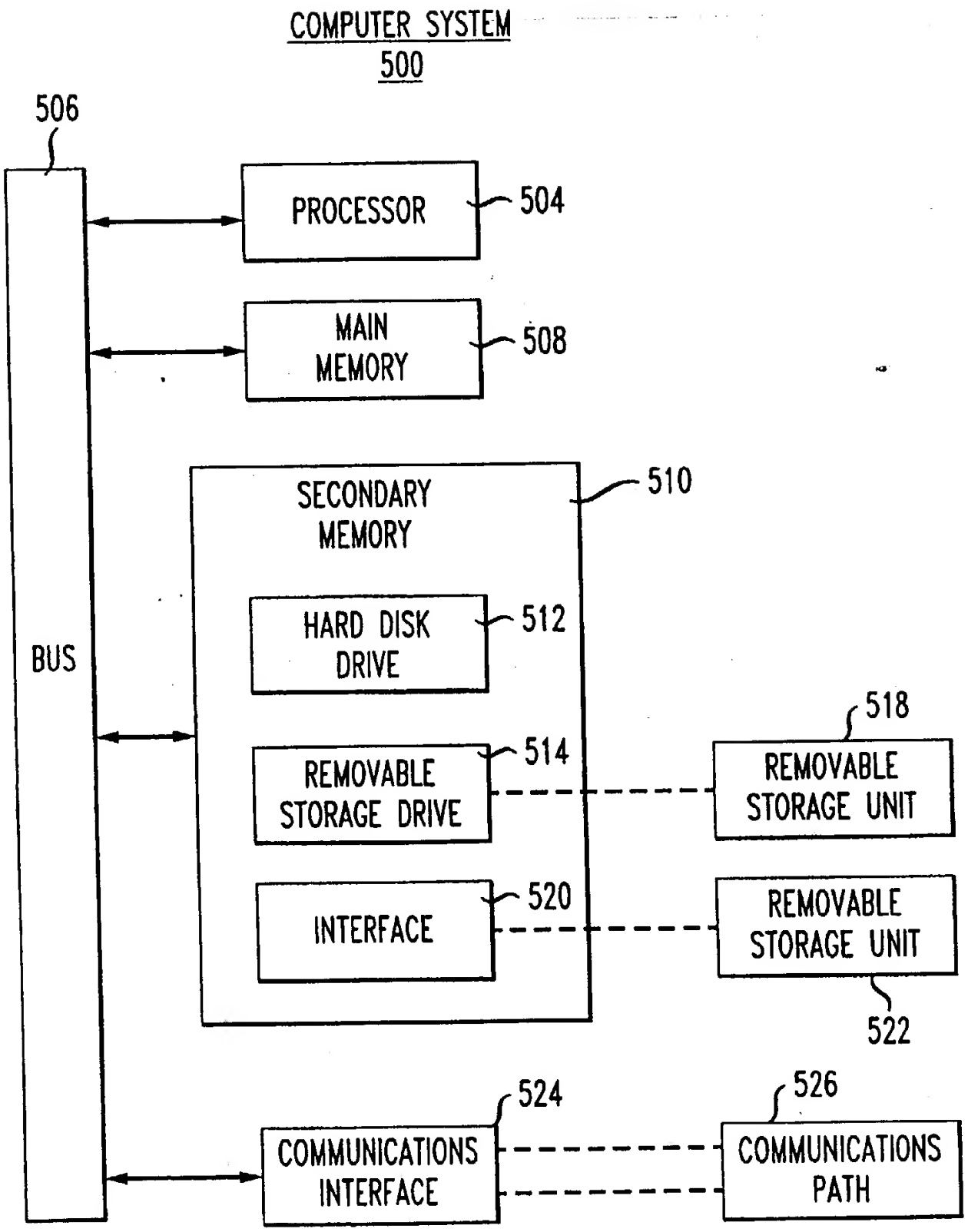

CREATE CONNECTION COMPONENTS TEMPLATE
402
IDENTIFY INTERFACES
404
RETRIEVE AND STORE IP ADDRESS, SUBNET MASK, CITY, STATE AND VIRTUAL CIRCUIT IDENTIFIER FOR EACH ATM INTERFACE
406
USE THE IP ADDRESS IN CONJUNCTION WITH THE SUBNET MASK STORED FOR EACH ATM INTERFACE IN THE LIST TO DERIVE THE DESTINATION IP ADDRESS
408
OPTIONALLY USE THE INTERFACE'S IP ADDRESS AND SUBNET MASK TO LOCATE THE DESTINATION IP ADDRESS
410
IDENTIFY THE VIRTUAL CIRCUIT IDENTIFIER VALUE ASSOCIATED WITH EACH OF THE PAIR OF NETWORK IP ADDRESSES
412
RETRIEVE AND PREPARE WAN CONFIGURATION DATA SO AS TO PERMIT LAN TO WAN CORRELATION
414
ASSOCIATE THE CITY, STATE AND PAIR OF VIRTUAL CIRCUIT IDENTIFIER VALUES OF THE ATM INTERFACES ON THE LANs WITH THE CITY, STATE AND PAIR OF VIRTUAL CIRCUIT IDENTIFIER VALUES ON THE WAN
416
RETRIEVE THE ASSOCIATED CONFIGURATION INFORMATION AND COMPONENTS OF THE WAN AND STORE THEM ALONGSIDE ENTRIES IN THE LIST OF ATM INTERFACE END POINTS
418

FIG. 5


COMPUTER SYSTEM
500
506
PROCESSOR
504
MAIN MEMORY
508
SECONDARY MEMORY
510
HARD DISK DRIVE
512
REMOVABLE STORAGE DRIVE
514
INTERFACE
520
BUS
518
REMOVABLE STORAGE UNIT
REMOVABLE STORAGE UNIT
522
524
526
COMMUNICATIONS INTERFACE
COMMUNICATIONS PATH